

Converting Colors

$Yxy(10.2963, 0.2455, 0.3014)$

Have a look what the booklet for
Yxy(10.2963, 0.2455, 0.3014)
contains.

Yxy(10.3952, 0.2462, 0.3029)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.3952, 0.2462, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	36616B
RGB	54, 97, 107
RGB Percent	21%, 38%, 42%
CMY	0.7883, 0.6196, 0.5803
CMYK	0.50, 0.09, 0.00, 0.58
HSL	191°, 33%, 32%
HSV	191°, 50%, 42%
XYZ	8.4493, 10.3952, 15.4744
YIQ	85.2830, -28.8380, -6.0060

Conversions

Conversions Part 2

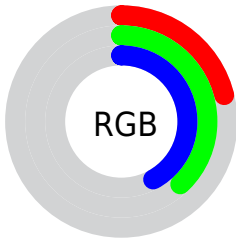
Format	Color
RYB	54, 78, 107
Decimal	3563883
CIELab	38.54, -11.95, -10.33
CIElCh	39, 15.795, 220.855
Yxy	10.3952, 0.2462, 0.3029
Android (android.graphics.Color)	4281753963 (0xFF36616B)
YUV	85.2830, 10.7065, -27.4352
Hunter-Lab	32.2416, -9.6446, -5.8872

Details

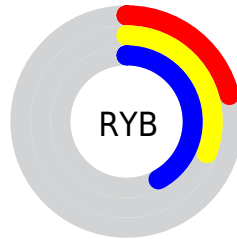
The Yxy color **10.3952, 0.2462, 0.3029** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.0577, 0.4277, 0.3526**, and the grayscale version is **9.1275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.6517, 0.2641, 0.3116**, and **2.6939, 0.2131, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **9.7631, 0.2356, 0.2967**, and if you desaturate by 10%, it is **11.1028, 0.2581, 0.3089**.

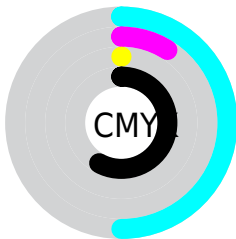
Distribution



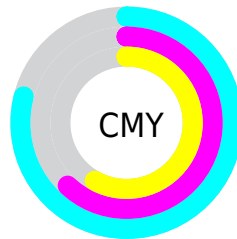
- Red (21%)
- Green (38%)
- Blue (42%)



- Red (21%)
- Yellow (31%)
- Blue (42%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)





- Cyan (79%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3952, 0.2462, 0.3029 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 10.3952, 0.2462, 0.3029 by changing the saturation by 10% instead.


 10.3952, 0.2462,
0.3029


 10.3952, 0.2462,
0.3029


 193.4699, 0.2868,
0.3198


 5.6618, 0.2323,
0.2964

 26.5362, 0.2633,
0.3104


 2.6405, 0.2114,
0.2858


 38.7126, 0.2690,
0.3128

 0.9471, 0.1715,
0.2675

 54.1388, 0.2735,
0.3146

 0.0000, 0.0000,
0.0000

 73.1991, 0.2771,
0.3161

 96.2779, 0.2802,
0.3173

 123.7598, 0.2827,

0.3183

156.0290, 0.2849,
0.3191

■ 10.3952, 0.2462,
0.3029

■ 10.3952, 0.2462,
0.3029

■ 9.7631, 0.2356,
0.2967

■ 11.1028, 0.2581,
0.3089

■ 9.2008, 0.2265,
0.2903

■ 11.8887, 0.2710,
0.3145

■ 8.7039, 0.2191,
0.2839

■ 12.7570, 0.2847,
0.3198

■ 8.2667, 0.2134,
0.2774

■ 13.7110, 0.2989,
0.3247

■ 7.8662, 0.2087,
0.2709

■ 14.7541, 0.3134,
0.3292

■ 7.8489, 0.2085,
0.2706

■ 15.8893, 0.3279,
0.3333

■ 17.1194, 0.3423,
0.3369

■ 18.4473, 0.3563,
0.3402

■ 19.8755, 0.3700,
0.3431

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.3952, 0.2608, 0.3367



10.3952, 0.2462, 0.3029



10.3952, 0.2481, 0.2791

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.3952, 0.2462, 0.3029



10.3952, 0.3341, 0.2922



10.3952, 0.3589, 0.3923

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10.3952, 0.2462, 0.3029



7.0577, 0.4277, 0.3526

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.3952, 0.3810, 0.3755



10.3952, 0.2462, 0.3029



10.3952, 0.3667, 0.3185

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10.3952, 0.2462, 0.3029



10.3952, 0.2971, 0.2747



10.3952, 0.3842, 0.3483



10.3952, 0.3251, 0.3914

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10.3952, 0.2462, 0.3029



10.3952, 0.2585, 0.2711



10.3952, 0.3842, 0.3483



10.3952, 0.3680, 0.3884

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10.3956, 0.2462, 0.3029



23.5251, 0.2905, 0.3219



11.6684, 0.2958, 0.4485



5.6293, 0.2883, 0.3211



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.3956, 0.2462, 0.3029



17.3605, 0.2345, 0.2960



6.3228, 0.2329, 0.2297



3.3997, 0.2997, 0.3250



9.5055, 0.2083, 0.2700



47.2454, 0.2073, 0.2663

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6.6258, 0.3377, 0.2345



10.0447, 0.3450, 0.2163



10.7418, 0.3978, 0.4106



3.1546, 0.3162, 0.3123



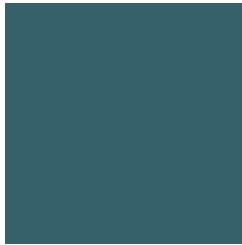
4.6319, 0.3729, 0.1828



23.4817, 0.3764, 0.1847

Previews

White Background



This preview shows how the Yxy color 10.3952, 0.2462, 0.3029 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 10.3952, 0.2462, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

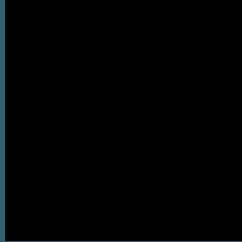
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

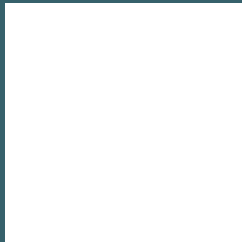
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.3952, 0.2462, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 10.3952, 0.2462, 0.3029.



This preview shows how white text looks on a background with the Yxy color 10.3952, 0.2462, 0.3029.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

10.3952, 0.2462, 0.3029

Protanopia

10.3463, 0.2925, 0.3002

Deuteranopia

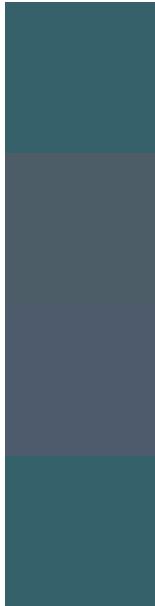
10.2572, 0.2858, 0.2801



Tritanopia

10.3262, 0.2473, 0.3079

Trichromacy



Original Color

10.3952, 0.2462, 0.3029

Protanomaly

10.3647, 0.2734, 0.3016

Deuteranomaly

10.1427, 0.2694, 0.2874

Tritanomaly

10.3469, 0.2463, 0.3054

Monochromacy



Original Color

10.3952, 0.2462, 0.3029

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.3909, 0.2839, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3952, 0.2462, 0.3029 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(54, 97, 107) looks like.

```
.text, #text, p{  
    color:rgb(54, 97, 107)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(54, 97, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 97, 107) }
```

Border

The CSS property to change the border of an element to Yxy 10.3952, 0.2462, 0.3029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(54, 97, 107) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(54, 97, 107) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(54, 97, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 97, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 97, 107);  
box-shadow:4px 4px 4px 4px rgb(54, 97,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3952, 0.2462, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 97, 107) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(54, 97,  
107) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor